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Grouse and Quails of North America, by Paul A. Johnsgard

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Paul A. Johnsgard

University of Nebraska-Lincoln, pajohnsgard@gmail.com

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# Sources

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- Adams, J. L. 1956. A comparison of different methods of progesterone administration to the fowl in affecting egg production and molt. *Poultry Science* 35:323-26.
- Agee, C. P. 1957. The fall shuffle in central Missouri bobwhites. *Journal of Wildlife Management* 21:324-35.
- Aiken, C. E. H. 1930. A bobwhite  $\times$  California quail hybrid. *Auk* 47:80-81.
- Alcorn, J. R., and Richardson, F. 1951. The chukar partridge in Nevada. *Journal of Wildlife Management* 15:265-75.
- Alden, P. 1969. *Finding the birds in western Mexico*. Tucson: University of Arizona Press.
- Aldous, S. E. 1943. Sharp-tailed grouse in the sand dune country of north-central North Dakota. *Journal of Wildlife Management* 7:23-31.
- Aldrich, J. W. 1946. The United States races of the bobwhite. *Auk* 63:493-508.
- . 1963. Geographic orientation of American Tetraonidae. *Journal of Wildlife Management* 27:529-45.
- Aldrich, J. W., and Duvall, A. J. 1955. *Distribution of American gallinaceous game birds*. U.S. Department of Interior, Fish and Wildlife Service circular 34.
- Aldrich, J. W., and Friedmann, H. 1943. A revision of the ruffed grouse. *Condor* 45:85-103.

- Ali, S., and Ripley, S. D. 1969. *Handbook of the birds of India and Pakistan*. Vol. 2. London: Oxford University Press.
- Allen, G. A., III. 1968. Keeping and raising blue grouse. *Game Bird Breeders, Aviculturalists and Conservationists' Gazette* 16(10-11):6-11.
- Alvarez del Toro, M. 1952. *Los animales silvestres de Chiapas*. Tuxtla Gutiérrez, Chiapas: Ediciones del Gobierno del Estado.
- . 1964. *Lista de las aves de Chiapas: endémicas, emigrantes y de paso*. Tuxtla Gutiérrez, Chiapas: Instituto de Ciencias y Artes de Chiapas.
- Amadon, D. 1966. The superspecies concept. *Systematic Zoology* 15:245.
- American Ornithologists Union. 1957. *Check-list of North American Birds*. 5th ed. Baltimore: Lord Baltimore Press.
- Ammann, G. A. 1944. Determining the age of pinnated and sharp-tailed grouse. *Journal of Wildlife Management* 8:170-71.
- . 1957. *The prairie grouse of Michigan*. Michigan Department of Conservation technical bulletin.
- . 1963a. Status and management of sharp-tailed grouse in Michigan. *Journal of Wildlife Management* 27:802-9.
- . 1963b. Status of spruce grouse in Michigan. *Journal of Wildlife Management* 27:591-93.
- Anderson, R. K. 1969. Prairie chicken responses to changing booming-ground cover type and height. *Journal of Wildlife Management* 33:636-43.
- Andrle, R. F. 1967. Birds of the Sierra de Tuxtla in Veracruz, Mexico. *Wilson Bulletin* 79:163-87.
- Anthony, R. 1970. Ecology and reproduction of California quail in south-eastern Washington. *Condor* 72:276-87.
- Arnheim, N., Jr., and Wilson, A. C. 1967. Quantitative immunological comparison of bird lysozymes. *Journal of Biological Chemistry* 242: 3951-56.
- Aubin, A. E. 1970. Territory and territorial behavior of male ruffed grouse in southwestern Alberta. Master's thesis, University of Alberta.
- Bachant, J. P. 1969. Management implications of recent population trends of the Hungarian partridge (*Perdix perdix*) in Ohio. Abstract of paper presented at 78th Annual Meeting, Ohio Academy of Science, April 29, 1969.
- Baepler, D. H. 1962. The avifauna of the Soloma region in Huehuetanango, Guatemala. *Condor* 64:140-53.
- Bailey, A. M., and Niedrach, R. J. 1967. *A pictorial checklist of Colorado birds, with brief notes on the status of each species in neighboring states of Nebraska, Kansas, New Mexico, Utah and Wyoming*. Denver: Denver Museum of Natural History.

- Bailey, F. M. 1928. *Birds of New Mexico*. Santa Fe: New Mexico Department of Fish and Game.
- Bailey, V. 1928. A hybrid scaled  $\times$  Gambel's quail from New Mexico. *Auk* 45:210.
- Baker, M. F. 1952. Population changes of the greater prairie chicken in Kansas. *Transactions 17th North American Wildlife Conference*, pp. 259-366.
- . 1953. *Prairie chickens of Kansas*. University of Kansas Museum of Natural History and State Biological Survey miscellaneous publication no. 5.
- Baldini, J. T.; Roberts, R. E.; and Kirkpatrick, C. M. 1952. Studies of the reproductive cycle of the bobwhite quail. *Journal of Wildlife Management* 16:91-93.
- Banks, R. C., and Walker, L. W. 1964. A hybrid scaled  $\times$  Douglas quail. *Wilson Bulletin* 76:378-80.
- Bannerman, D. A. 1963. *The birds of the British Isles*. Vol. 12. Edinburgh: Oliver and Boyd.
- Barth, E. K. 1953. Calculation of egg volume based on loss of weight during incubation. *Auk* 70:151-59.
- Bartholomew, G. A., and MacMillen, R. E. 1961. Water economy of the California quail and its use of sea water. *Auk* 78:505-14.
- Bartholomew, G. A., and Dawson, W. R. 1958. Body temperatures in California and Gambel's quail. *Auk* 75:150-56.
- Bateman, A. 1968. Raising mountain quail. *Game Bird Breeders, Aviculturists and Conservationists' Gazette* 16(2):11-13.
- Batterson, W. M., and Morse, W. B. 1948. *Oregon sage grouse*. Oregon Game Commission fauna series no. 1.
- Beebe, W. 1926. *Pheasants, their lives and homes*. 2 vols. Garden City, N.Y.: Doubleday, Page & Co.
- Beer, J. 1943. Food habits of the blue grouse. *Journal of Wildlife Management* 7:32-44.
- Bendell, J. F. 1955a. Disease as a control of a population of blue grouse, *Dendragapus obscurus fuliginosus* (Ridgway). *Canadian Journal of Zoology* 33:195-223.
- . 1955b. Age, molt and weight characteristics of blue grouse. *Condor* 57:354-61.
- . 1955c. Age, breeding behavior and migration of sooty grouse, *Dendragapus obscurus fuliginosus* (Ridgway). *Transactions 20th North American Wildlife Conference*, pp. 367-81.
- Bendell, J. F., and Elliott, P. W. 1966. Habitat selection in blue grouse. *Condor* 68:431-46.

- . 1967. *Behavior and the regulation of numbers in blue grouse*. Canadian Wildlife Service report series no. 4.
- Bendire, C. 1892. *Life histories of North American birds*. U.S. National Museum special bulletin, vol. 1. no. 1.
- Bennitt, R. 1951. *Some aspects of Missouri quail and quail hunting 1938–1948*. Missouri Conservation Commission technical bulletin 2.
- Bent, A. C. 1932. *Life histories of North American gallinaceous birds*. U.S. National Museum bulletin 162.
- Berger, D. D.; Hamerstrom, F.; and Hamerstrom, F. N., Jr. 1963. The effect of raptors on prairie chickens on booming grounds. *Journal of Wildlife Management* 27:778–91.
- Bergerud, A. T. 1970a. Vulnerability of willow ptarmigan to hunting. *Journal of Wildlife Management* 34:282–85.
- . 1970b. Population dynamics of the willow ptarmigan *Lagopus lagopus alleni* L. in Newfoundland 1955 to 1965. *Oikos* 21:299–325.
- Bergerud, A. T.; Peters, S. S.; and McGrath, R. 1963. Determining sex and age of willow ptarmigan in Newfoundland. *Journal of Wildlife Management* 27:700–711.
- Berndt, R., and Meise, W. 1962. *Naturgeschichte der Vögel*. Vol. 2. Stuttgart: Franckh.
- Berrett, D. G. 1963. The birds of the Mexican state of Tabasco. Ph.D. dissertation, Louisiana State University.
- Binford, L. C. 1968. A preliminary survey of the avifauna of the Mexican state of Oaxaca. Ph.D. dissertation, Louisiana State University.
- Bishop, R. A. 1964. The Mearns quail (*Cyrtonyx montezumae mearnsi*) in southern Arizona. Master's thesis, University of Arizona.
- Bishop, R. A., and Hungerford, C. R. 1965. Seasonal food selection of Arizona Mearns quail. *Journal of Wildlife Management* 29:813–19.
- Blackford, J. L. 1958. Territoriality and breeding behavior of a population of blue grouse in Montana. *Condor* 60:145–58.
- . 1963. Further observations on the breeding behavior of a blue grouse population in Montana. *Condor* 60:485–513.
- Blake, E. R. 1950. Report on a collection of birds from Guerrero, Mexico. *Fieldiana, Zoology* 32:417–74.
- . 1958. Birds of Volcan de Chirique, Panama. *Fieldiana, Zoology* 36:498–577.
- Blake, E. R., and Hanson, H. C. 1942. Notes on a collection of birds from Michoacan, Mexico. *Field Museum of Natural History, Zoological Series* 22:513–51.
- Blank, T. H., and Ash, J. S. 1956. The concept of territory in the partridge, *Perdix p. perdix*. *Ibis* 98:379–89.

- Blank, T. H.; Southwood, T. R. E.; and Cross, D. J. 1967. The ecology of the partridge: I. Outline of population processes with a particular reference to the chick mortality and nest density. *Journal of Animal Ecology* 36:549-56.
- Boag, D. A. 1965. Indicators of sex, age, and breeding phenology in blue grouse. *Journal of Wildlife Management* 29:103-8.
- . 1966. Population attributes of blue grouse in southwestern Alberta. *Canadian Journal of Zoology* 44:799-814.
- Boag, D. A., and Sumanik, K. M. 1969. Characteristics of drumming sites selected by ruffed grouse in Alberta. *Journal of Wildlife Management* 33:621-28.
- Bohl, W. H. 1957. *Chukars in New Mexico 1931-1957*. New Mexico Department of Game and Fish bulletin no. 6.
- Boucard, A. 1883. On a collection of birds from Yucatan. *Proceedings of the Zoological Society of London*, pp. 434-61.
- Bradbury, W. C. 1915. Notes on the nesting of the white-tailed ptarmigan in Colorado. *Condor* 17:214-22.
- Brander, R. B. 1967. Movements of female ruffed grouse during the mating season. *Wilson Bulletin* 79:28-36.
- Braun, C. E. 1969. Population dynamics, habitat, and movements of white-tailed ptarmigan in Colorado. Ph.D. dissertation, Colorado State University.
- . 1970. Distribution and habitat of white-tailed ptarmigan in Colorado and New Mexico. Abstract of paper presented at 46th Annual Meeting, Southwestern and Rocky Mountain Division, A.A.A.S., April 22-25, 1970, Las Vegas, New Mexico.
- Braun, C. E., and Pattie, D. L. 1969. A comparison of alpine habitats and white-tailed ptarmigan occurrence in Colorado and northern Wyoming. Abstract of paper presented at 45th Annual Meeting, Southwestern and Rocky Mountain Division, A.A.A.S., May 8, 1969, Colorado Springs, Colorado.
- Braun, C. E., and Rogers, G. E. 1967a. *Determination of age and sex of the southern white-tailed ptarmigan*. Colorado Game, Fish and Parks Department game information leaflet no. 54.
- . 1967b. Habitat and seasonal movements of white-tailed ptarmigan in Colorado. Abstract of paper presented at meeting of Colorado-Wyoming Academy of Science, April 28, 1967, Boulder, Colorado.
- Braun, C. E., and Willers, W. B. 1967. The helminth and protozoan parasites of North American grouse (family: Tetraonidae): A checklist. *Avian Diseases* 11:170-87.
- Bremer, P. E. 1967. *Sharp-tailed grouse in Minnesota*. Minnesota Department of Game and Fish information leaflet no. 517.

- ment of Conservation informational leaflet no. 15.
- Brodkorb, P. 1939. New subspecies of birds from the District of Soconusco, Chiapas. University of Michigan Museum of Zoology occasional paper no. 401.
- . 1964. Catalog of fossil birds: part 2 (Anseriformes through Galliformes). *Bulletin of the Florida State Museum, Biological Sciences* 8: 195–335.
- Brooks, A. 1907. A hybrid grouse, Richardson's × sharp-tail. *Auk* 24:167–69.
- . 1926. The display of Richardson's grouse, with some notes on the species and subspecies of the genus *Dendragapus*. *Auk* 43:281–87.
- . 1930. The specialized feathers of the sage hen. *Condor* 32:205–7.
- Brown, C. P. 1946. Food of Maine ruffed grouse by seasons and cover types. *Journal of Wildlife Management* 10:17–28.
- . 1954. Distribution of the Hungarian partridge in New York. *New York Fish and Game Journal* 1:119–29.
- . 1956. Distribution of bobwhite quail in New York. *New York Fish and Game Journal* 2:191–99.
- Brown, R. L. 1969a. Ecological study of Mearn's quail. Job Progress Report, in *Wildlife Research in Arizona*, 1968, pp. 35–47.
- . 1969b. Effect of hunting on Mearn's quail. Job Progress Report, in *Wildlife Research in Arizona*, 1968, pp. 49–52.
- . 1970. Mearn's quail management information. Mimeographed. Arizona Game and Fish Department job completion report, project W-53-20.
- Buckley, J. L. 1954. Animal population fluctuations in Alaska—a history. *Transactions 19th North American Wildlife Conference*, pp. 338–54.
- Bump, G. 1951. The chukar partridge (*Alectoris graeca*) in the Middle East with observations on its adaptability to conditions in the southwestern United States. Mimeographed. U. S. Fish and Wildlife Service.
- Bump, G., and Bohl, W. H. 1964. Summary of foreign game bird propagations and liberations 1960 to 1963. U.S. Fish and Wildlife Service special scientific report (Wildlife) no. 80.
- Bump, G.; Darrow, R.; Edminster, F.; and Crissey, W. 1947. *The ruffed grouse: life history, propagation, management*. Albany: New York State Conservation Department.
- Campbell, H. 1957. Fall foods of Gambel's quail (*Lophortyx gambelii*) in New Mexico. *Southwestern Naturalist* 2:122–28.
- . 1968. Seasonal precipitation and scaled quail in eastern New Mexico. *Journal of Wildlife Management* 32:641–44.
- Campbell, H., and Harris, B. K. 1965. Mass population dispersal and long-

- distance movements in scaled quail. *Journal of Wildlife Management* 29:801-5.
- Campbell, H., and Lee, L. 1953. Studies on quail malaria in New Mexico and notes on other aspects of quail populations. Santa Fe: New Mexico Department of Game and Fish.
- Carr, R. 1969. Raising ptarmigan and spruce grouse. *Game Bird Breeders, Aviculturists and Conservationists' Gazette* 17(1):6-9.
- Casey, W. H. 1965. Some speculations on the minimum habitat requirements of bobwhite quail. *Proceedings 19th Annual Conference S.E. Association of Game and Fish Commissioners*, pp. 30-39.
- Chambers, R. E., and Sharp, W. M. 1958. Movement and dispersal within a population of ruffed grouse. *Journal of Wildlife Management* 22:231-39.
- Chapman, F. M. 1896. Notes on birds observed in Yucatan. *Bulletin of the American Museum of Natural History* 8:271-90.
- . 1929. *My tropical air castle*. New York: Appleton and Co.
- Choate, T. S. 1960. Observations on the reproductive activities of the white-tailed ptarmigan (*Lagopus leucurus*) in Glacier Park, Montana. Master's thesis, Montana State University.
- . 1963. Habitat and population dynamics of white-tailed ptarmigan in Montana. *Journal of Wildlife Management* 27:684-99.
- Christensen, G. C. 1954. *The chukar partridge in Nevada*. Nevada Fish and Game Commission biological bulletin no. 1.
- . 1970. *The chukar partridge: its introduction, life history, and management*. Nevada Department of Fish and Game biological bulletin no. 4.
- Christisen, D. M. 1967. A vignette of Missouri's native prairie. *Missouri Historical Review* 61:166-86.
- . 1969. National status and management of the greater prairie chicken. *Transactions 34th North American Wildlife and Natural Resources Conference*, pp. 207-17.
- Cink, C. L. 1971. Comparative behavior and vocalizations of three *Colinus* species and their hybrids. Master's thesis, University of Nebraska.
- Clark, H. K. 1899. The feather-tracts of North American grouse and quail. *Proceedings U.S. National Museum* 21:641-53.
- Clarke, C. H. D. 1954. *The bobwhite quail in Ontario*. Ontario Department of Lands and Forests technical bulletin, fish and wildlife, series 2.
- Coats, J. 1955. Raising lesser prairie chickens in captivity. *Kansas Fish and Game* 13(2):16-20.
- Cockrum, E. L. 1952. A check-list and bibliography of hybrid birds in North America north of Mexico. *Wilson Bulletin* 64:140-59.



- Conover, H. B. 1926. Game birds of the Hooper Bay region, Alaska. *Auk* 43:162-80, 303-18.
- Cooke, C. H. 1958. Behaviour and display of the common partridge. *Countryside* 18:241-44.
- Copelin, F. F. 1963. *The lesser prairie chicken in Oklahoma*. Oklahoma Wildlife Conservation Department technical bulletin no. 6.
- Cottam, C.; Nelson, A. L.; and Saylor, L. W. 1940. *The chukar and Hungarian partridges in America*. U.S. Department of Interior Biological Survey Wildlife Leaflet 159.
- Cracraft, J. 1968. Reallocation of the Eocene fossil *Palaeophasianus meleagroides* Shuffeldt. *Wilson Bulletin* 80:281-85.
- Crawford, J. E. 1960. The movements, productivity and management of sage grouse in Clark and Fremont counties, Idaho. Master's thesis, University of Idaho.
- Crichton, V. 1963. Autumn and winter foods of the spruce grouse in central Ontario. *Journal of Wildlife Management* 27:597.
- Crispens, C. G., Jr. 1960a. *Quails and partridges of North America: a bibliography*. Seattle: University of Washington Press.
- . 1960b. Food habits of California quail in eastern Washington. *Condor* 72:473-77.
- Crunden, C. W. 1963. Age and sex of sage grouse from wings. *Journal of Wildlife Management* 27:846-50.
- , ed. 1959. The western states sage grouse questionnaire. Nevada Fish and Game Department.
- Dalke, P. D.; Pyrah, D. B.; Stanton, D. C.; Crawford, J. E., and Schlatterer, E. F. 1960. Seasonal movements and breeding behavior of sage grouse in Idaho. *Transactions 25th North American Wildlife Conference*, p. 396-407.
- . 1963. Ecology, productivity, and management of sage grouse in Idaho. *Journal of Wildlife Management* 27:811-41.
- Damon, D. 1949. Winter foods of quail in Nebraska. Nebraska Game, Forestation and Parks Commission *Wildlife Management Notes* 1:23-26.
- Davis, D. E., and Domm, L. V. 1942. The sexual behavior of hormonally treated domestic fowl. *Proceedings of the Society for Experimental Biology and Medicine*, 48:667-69.
- Davis, J. A. 1968. The postjuvenile wing and tail molt of the ruffed grouse (*Bonasa umbellus monticola*) in Ohio. *Ohio Journal of Science* 68:305-12.
- . 1969a. Aging and sexing criteria for Ohio ruffed grouse. *Journal of Wildlife Management* 33:628-36.
- . 1969b. Relative abundance and distribution of ruffed grouse in Ohio, past, present and future. Mimeographed. Ohio Department of

- Natural Resources, Division of Wildlife inservice document no. 62.
- Davis, W. B. 1944. Notes on summer birds of Guerrero. *Condor* 46:9-14.
- Davison, V. E. 1940. An 8-year census of lesser prairie chickens. *Journal of Wildlife Management* 4:55-62.
- Dawson, W. L. 1923. *The birds of California*. Vol. 3. San Francisco: South Moulton Co.
- Delacour, J. 1951. *The pheasants of the world*. London: Country Life.
- . 1961-1962. The American quails (tribe Odontophorini). *Avicultural Magazine* 67:12-18; 68:15-19.
- Dellinger, J. O. 1967. My experiences breeding and raising Mearns quail. *Game Bird Breeders, Aviculturalists and Conservationists' Gazette*, 16(4):9-10.
- Dement'ev, G. P., and Gladkov, N. A. eds. 1967. *Birds of the Soviet Union*. Vol. 4. Jerusalem: Israel Program for Scientific Translations.
- Dickey, D. R., and van Rossem, A. J. 1938. *The birds of El Salvador*. Zoological Series, no. 23. Chicago: Field Museum of Natural History.
- Dixon, J. 1927. Contribution to the life history of the Alaska willow ptarmigan. *Condor* 29:213-23.
- Dixon, K. L. 1959. Ecological and distributional relations of desert scrub birds in western Texas. *Condor* 61:397-409.
- Dommm, L. V. 1927. New experiments on ovariectomy and the problem of sex inversion in the fowl. *Journal of Experimental Zoölogy* 48:31-196.
- Dorney, R. S. 1959. *Relationship of ruffed grouse to forest cover types in Wisconsin*. Wisconsin Conservation Department technical bulletin no. 18.
- . 1963. Sex and age structure of Wisconsin ruffed grouse populations. *Journal of Wildlife Management* 27:599-603.
- Dorney, R. S., and Holzer, F. V. 1957. Spring aging methods for ruffed grouse cocks. *Journal of Wildlife Management* 21:268-74.
- Duck, L. G. 1943. Seasonal movements of bobwhite quail in northwestern Oklahoma. *Journal of Wildlife Management* 7:365-68.
- Duncan, D. A. 1968. Food of California quail on burned and unburned central California foothill rangeland. *California Fish and Game* 54: 123-27.
- Dwight, J., Jr. 1900. The moult of the North American Tetraonidae (quails, partridge and grouse). *Auk* 17:34-51, 143-66.
- Edminster, F. C. 1947. *The ruffed grouse: its life story, ecology and management*. New York: Macmillan.
- . 1954. *American game birds of field and forest*. New York: Charles Scribner's Sons.
- Edwards, E. P. 1968. *Finding birds in Mexico*. 2d ed. Sweet Briar, Virginia: Author.

- Edwards, E. P., and Lea, R. B. 1955. Birds of the Montserrate area, Chiapas, Mexico. *Condor* 57:31-54.
- Edwards, E. P., and Martin, P. S. 1955. Further notes on birds of the Lake Patzcuaro region, Mexico. *Auk* 72:174-78.
- Ellis, C. R., Jr., and Stokes, A. W. 1966. Vocalizations and behavior in captive Gambel quail. *Condor* 68:72-80.
- Ellison, L. 1966. Seasonal foods and chemical analysis of winter diet of Alaskan spruce grouse. *Journal of Wildlife Management* 30:729-35.
- . 1968a. Sexing and aging Alaskan spruce grouse by plumage. *Journal of Wildlife Management* 32:12-16.
- . 1968b. Movements and behavior of Alaskan spruce grouse during the breeding season. Mimeographed. Transactions of the meeting of the California-Nevada Section of The Wildlife Society, 1968.
- Emlen, J. T., Jr. 1939. Seasonal movements of a low-density valley quail population. *Journal of Wildlife Management* 3:118-30.
- . 1940. Sex and age ratios in survival of the California quail. *Journal of Wildlife Management* 4:92-99.
- Emlen, J. T., Jr., and Glading, B. 1945. *Increasing valley quail in California*. University of California Agricultural Experiment Station bulletin 695.
- Eng, R. L. 1955. A method for obtaining sage grouse age and sex ratios from wings. *Journal of Wildlife Management* 19:267-72.
- . 1959. A study of the ecology of male ruffed grouse (*Bonasa umbellus* L.) on the Cloquet Forest Research Center, Minnesota. Ph.D. dissertation, University of Minnesota.
- . 1963. Observations on the breeding biology of male sage grouse. *Journal of Wildlife Management* 27:841-46.
- Evans, K. E., and Gilbert, D. L. 1969. A method for evaluating greater prairie chickens habitat in Colorado. *Journal of Wildlife Management* 33:643-49.
- Evans, R. M. 1961. Courtship and mating behavior of sharptailed grouse *Pedioecetes phasianellus jamesi*. Master's thesis, University of Alberta.
- . 1969. Territorial stability in sharp-tailed grouse. *Wilson Bulletin* 81:75-78.
- Ezra, A. 1938. A successful breeding of the mountain quail (*Oreortyx picta*) by Alfred Ezra. *Avicultural Magazine* 3:275-76.
- Farner, D. S. 1955. Birdbanding in the study of population dynamics. In *Recent Studies in Avian Biology*. Urbana: University of Illinois Press.
- Fatora, J. R.; Provost, E. E.; and Jenkins, J. H. 1967. Preliminary report on the breeding periodicity and brood mortality in bobwhite quail on the AEC Savannah River Power Plant. *Proceedings 20th Annual Conference, S.E. Association of Game and Fish Commissioners*, pp. 146-54.

- Fay, L. D. 1963. Recent success in raising ruffed grouse in captivity. *Journal of Wildlife Management* 27:642-47.
- Figge, H. 1946. Scaled quail management in Colorado. *Proceedings of 26th Meeting of the Western Association of Game and Fish Commissioners*, pp. 161-67.
- Flieg, G. M. 1970. Observations on the first North American breeding of the spot-winged wood quail (*Odontophorus capueira*). *Avicultural Magazine* 76:1-4.
- Fowle, C. D. 1960. A study of the blue grouse (*Dendragapus obscurus* [Say]) on Vancouver Island, British Columbia. *Canadian Journal of Zoology* 38:701-13.
- Francis, W. J. 1965. Double broods in California quail. *Condor* 67:541-42.
- Friedmann, H.; Griscom, L.; and Moore, R. T. 1950. *Distributional checklist of the birds of Mexico*. Cooper Ornithological Club Pacific Coast Avifauna no. 29.
- Fuertes, L. A. 1903. With the Mearns quail in southwestern Texas. *Condor* 5:113-16.
- Gabrielson, I. N., and Jewett, S. G. 1940. *Birds of Oregon*. Corvallis: Oregon State University.
- Galbreath, D. S., and Moreland, R. 1953. *The chukar partridge in Washington*. Washington Department of Game biological bulletin 11.
- Game bird geography. 1961. *Utah Fish and Game* 17(11):4-7.
- Genelly, R. E. 1955. Annual cycle in a population of California quail. *Condor* 57:263-85.
- Gilfillan, M. C., and Bezdek, H. 1944. Winter foods of the ruffed grouse in Ohio. *Journal of Wildlife Management* 8:208-10.
- Gill, R. B. 1966. *A literature review on the sage grouse*. Colorado Department of Game, Fish and Parks and Colorado Cooperative Wildlife Research Unit special report no. 6.
- Girard, G. L. 1937. Life history, habits and food of the sage grouse. *University of Wyoming Publication* 3:1-56.
- Glading, B. 1938a. A male California quail hatches a brood. *Condor* 40:261.
- . 1938b. Studies on the nesting cycle of the California valley quail in 1937. *California Fish and Game* 24:318-40.
- . 1941. Valley quail census methods and populations at the San Joaquin Experimental Range. *California Fish and Game* 27:33-38.
- Glading, B.; Selleck, D. M.; and Ross, F. T. 1945. Valley quail under private management at the Dun Lakes Club. *California Fish and Game* 31:166-83.
- Godfrey, W. E. 1966. *The birds of Canada*. Ottawa: Queens Printer.
- Goodnight, C. J., and Goodnight, M. L. 1956. Some observations on a tropical rain forest in Chiapas, Mexico. *Ecology* 37:139-50.

- Goodwin, D. 1953. Observations on voice and behaviour of the red-legged partridge *Alectoris rufa*. *Ibis* 95:581-614.
- . 1958. Further notes on pairing and submissive behavior of the red-legged partridge *Alectoris rufa*. *Ibis* 100:59-66.
- Gorsuch, D. M. 1934. *Life history of the Gambel quail in Arizona*. University of Arizona biological science bulletin 2.
- Gould, J. 1850. *A monograph of the Odontophorinae or partridges of North America*. London: Author.
- Gower, W. C. 1939. The use of the bursa of Fabricius as an indication of age in game birds. *Transactions of the 4th North American Wildlife Conference*, pp. 426-30.
- Grange, W. W. 1948. *Wisconsin grouse problems*. Wisconsin Conservation Department publication no. 338.
- Gray, A. P. 1958. *Bird hybrids*. Farnham Royal: Commonwealth Agricultural Bureau.
- Green, W. E., and Hendrickson, G. O. 1938. The European partridge in north central Iowa. *Iowa Bird Life* 8:18-22.
- Greenberg, D. B. 1949. *Raising gamebirds in captivity*. Princeton: Van Nostrand.
- Greenewalt, C. H. 1968. *Bird song: acoustics and physiology*. Washington: Smithsonian Institution Press.
- Griner, L. A. 1939. A study of the sage grouse, *Centrocercus urophasianus*, with special reference to life history, habitat requirements and numbers and distribution. Master's thesis, Utah State Agricultural College.
- Grinnell, J.; Bryant, H. C.; and Storer, T. I. 1918. *The game birds of California*. Berkeley: University of California Press.
- Grinnell, J., and Miller, A. H. 1944. *The distribution of the birds of California*. Cooper Ornithological Club Pacific Coast avifauna no. 27.
- Grinnell, J., and Storer, T. I. 1924. *Animal life in the Yosemite*. Berkeley: University of California Press.
- Griscom, L. 1932. The distribution of bird-life in Guatemala: a contribution to the study of the origin of Central American bird-life. *Bulletin of the American Museum of Natural History* 64:1-439.
- Gromme, O. J. 1963. *Birds of Wisconsin*. Madison: University of Wisconsin Press.
- Gross, A. O. 1928. The heath hen. *Memoirs Boston Society of Natural History* 6:491-588.
- Gross, W. B. 1964. Voice production by the chicken. *Poultry Science* 43: 1005-8.
- . 1968. Voice production by the turkey. *Poultry Science* 47:1101-5.
- Guiguet, C. J. 1955. *The birds of British Columbia: (4) upland game birds*.

- British Columbia Provincial Museum handbook no. 10.
- Gullion, A. M. 1961. Weight variations of captive Gambel quail in the breeding season. *Condor* 63:95-97.
- Gullion, G. W. 1956a. Evidence of double-brooding in Gambel quail. *Condor* 58:232-34.
- . 1956b. *Let's go desert quail hunting*. Nevada Fish and Game Commission biological bulletin no. 2.
- . 1960. The ecology of Gambel's quail in Nevada and the arid southwest. *Ecology* 41:518-36.
- . 1962. Organization and movements of coveys of a Gambel quail population. *Condor* 64:402-15.
- . 1966. A viewpoint concerning the significance of studies of game bird food habits. *Condor* 68:372-76.
- . 1967a. Selection and use of drumming sites by male ruffed grouse. *Auk* 84:87-112.
- . 1967b. The ruffed grouse in northern Minnesota. University of Minnesota Forest Wildlife Relations Project, Cloquet Forest Research Center, Cloquet, Minnesota.
- . 1969. Aspen-ruffed grouse relationships. Abstract of paper presented at 31st Midwest Wildlife Conference, December 8, 1969, St. Paul, Minnesota.
- Gullion, G. W., and Christensen, G. C. 1967. A review of the distribution of gallinaceous game birds in Nevada. *Condor* 59:128-38.
- Gullion, G. W., and Marshall, W. H. 1968. Survival of ruffed grouse in a boreal forest. *The Living Bird* 7:117-67.
- Hale, J. B., and Dorney, R. S. 1963. Seasonal movements of ruffed grouse in Wisconsin. *Journal of Wildlife Management* 27:648-56.
- Hale, J. B.; Wendt, R. F.; and Halazon, G. C. 1954. *Sex and age criteria for Wisconsin ruffed grouse*. Wisconsin Conservation Department technical wildlife bulletin no. 9.
- Hamerstrom, F.; Berger, D. D.; and Hamerstrom, F. N., Jr. 1965. The effect of mammals on prairie chickens on booming grounds. *Journal of Wildlife Management* 29:536-42.
- Hamerstrom, F. N., Jr. 1939. A study of Wisconsin prairie chicken and sharp-tailed grouse. *Wilson Bulletin* 51:105-20.
- . 1963. Sharptail brood habitat in Wisconsin's northern pine barrens. *Journal of Wildlife Management* 27:793-802.
- Hamerstrom, F. N., Jr., and Hamerstrom, F. 1949. Daily and seasonal movements of Wisconsin prairie chickens. *Auk* 66:313-37.
- . 1951. Mobility of the sharptailed grouse in relation to its ecology and distribution. *American Midland Naturalist* 46:174-226.

- . 1960. Comparability of some social displays of grouse. *Proceedings XII International Ornithological Congress*, 1958, pp. 274–93.
- . 1961. Status and problems of North American grouse. *Wilson Bulletin* 73:284–94.
- Hamerstrom, F. N., Jr.; Mattson, O. E.; and Hamerstrom, F. 1957. *A guide to prairie chicken management*. Wisconsin Conservation Department technical wildlife bulletin no. 15.
- Hamilton, T. H. 1962. The habitats of the avifauna of the mesquite plains of Texas. *American Midland Naturalist* 76:85–105.
- Hammond, M. C. 1941. Fall and winter mortality among Hungarian partridges in Bottineau and McHenry counties, North Dakota. *Journal of Wildlife Management* 4:375–82.
- Harper, F. 1953. Birds of the Nueltin Lake Expedition, Keewatin, 1947. *American Midland Naturalist* 49:1–116.
- . 1958. *Birds of the Ungava Peninsula*. University of Kansas Museum of Natural History miscellaneous publication no. 17.
- Harper, H. T. 1963. The red-legged partridge in California. *Proceedings of the 43rd Annual Conference of the Western Association of State Game and Fish Commissioners*, pp. 193–95.
- Harper, H. T.; Harry, B. H.; and Bailey, W. D. 1958. The chukar partridge in California. *California Fish and Game* 44:5–50.
- Harris, C. L.; Gross, W. B.; and Robeson, A. 1968. Vocal acoustics of the chicken. *Poultry Science* 47:107–12.
- Harrison, C. J. O. 1965. Plumage patterns and behaviour in the painted quail. *Avicultural Magazine* 71:176–84.
- Hart, C. M.; Lee, O. S.; and Low, J. B. 1952. *The sharp-tailed grouse in Utah, its life history, status, and management*. Utah Department of Fish and Game publication no. 3.
- Hart, F. E. 1943. Hungarian partridges in Ohio. *Ohio Conservation Bulletin* 7:4–5, 26.
- Hartman, F. A. 1955. Heart weight in birds. *Condor* 57:221–38.
- Haugen, A. O. 1957. Distinguishing juvenile from adult bobwhite quail. *Journal of Wildlife Management* 21:29–32.
- Hellmayr, C. E., and Conover, B. 1942. *Catalogue of birds of the Americas and adjacent islands*. Zoological Series, no. 13. Chicago: Field Museum of Natural History.
- Henderson, C. W. 1971. Comparative temperature and moisture responses in Gambel and scaled quail. *Condor* 71:430–36.
- Henderson, F. R. 1964. Grouse and grass, twin crops. *South Dakota Conservation Digest* 31(1):16–19.
- Henderson, F. R.; Brooks, F. W.; Wood, R. E.; and Dahlgren, R. B. 1967.

- Sexing of prairie grouse by crown feather patterns. *Journal of Wildlife Management* 31:764-69.
- Hensley, M. M. 1954. Ecological relations of the breeding bird population of the desert biome in Arizona. *Ecological Monographs* 24:185-207.
- Hickey, J. J. 1955. Some American population research on gallinaceous birds. *Recent Studies in Avian Biology*. Urbana: University of Illinois Press.
- Hjorth, I. 1967. Fortplantningsbeteende inom Hönsfågelfamiljen Tetraonidae [Reproductive behavior in male grouse]. *Vår Fågelvärld* 26:193-243.
- . 1970. Reproductive behaviour in Tetraonidae, with special reference to males. *Viltrevy* 7:183-596.
- Hobmaier, A. 1932. The life history and the control of the cropworm, *Capillaria contorta*, in quail. *California Fish and Game* 18:290-96.
- Hoffman, D. M. 1963. The lesser prairie chicken in Colorado. *Journal of Wildlife Management* 27:726-32.
- . 1965. *The scaled quail in Colorado*. Colorado Department of Game, Fish and Parks technical publication no. 18.
- Hoffmann, R. 1927. *Birds of the Pacific states*. Boston: Houghton Mifflin.
- Hoffmann, R. S. 1956. Observations on a sooty grouse population at Sage Hen Creek, California. *Condor* 58:321-36.
- . 1961. The quality of the winter food of blue grouse. *Journal of Wildlife Management* 25:209-10.
- Höhn, E. O. 1957. Observations on display and other forms of behavior of certain Arctic birds. *Auk* 74:203-14.
- . 1969. *Die Schneehühner (Gattung Lagopus)*. Leipzig: Die Neue Brehm-Bücherei.
- Holman, J. A. 1961. Osteology of living and fossil New World quails (Aves, Galliformes). *Bulletin of the Florida State Museum (Biological Sciences)* 6:131-233.
- . 1964. Osteology of gallinaceous birds. *Quarterly Journal of the Florida Academy of Science* 27:230-52.
- Höst, P. 1942. Effect of light on the moults and sequences of plumage in the willow ptarmigan. *Auk* 59:388-403.
- Howard, H. 1966. Two fossil birds from the Lower Miocene of South Dakota. *Los Angeles County Museum, Contributions in Science*, No. 107, pp. 1-8.
- Howard, H., and Miller, A. H. 1933. Bird remains from cave deposits in New Mexico. *Condor* 35:15-18.
- Howard, W. E., and Emlen, J. T., Jr. 1942. Intercovey social relationships in the valley quail. *Wilson Bulletin* 54:162-70.
- Howes, J. R. 1968. Raising game birds: principles of good management.



- Game Bird Breeders, Aviculturalists and Conservationists' Gazette*, 16(2):8-11.
- Hubbard, J. P. 1966. A possible back-cross hybrid involving scaled and Gambel's quail. *Auk* 83:136-37.
- Hudson, G. E. 1955. An apparent hybrid between the ring-necked pheasant and the blue grouse. *Condor* 57:304.
- Hudson, G. E.; Lanzillotti, P. J.; and Edward, G. D. 1959. Muscles of the pelvic limb in galliform birds. *American Midland Naturalist* 61:1-67.
- Hudson, G. E.; Parker, R. A.; Berge, J. V.; and Lanzillotti, P. J. 1966. A numerical analysis of the modifications of the appendicular muscles in various genera of gallinaceous birds. *American Midland Naturalist* 76:1-73.
- Humphrey, P. S., and Parkes, K. C. 1959. An approach to the study of molts and plumages. *Auk* 76:1-31.
- Hungerford, C. R. 1960. Water requirements of Gambel's quail. *Transactions 25th North American Wildlife Conference*, pp. 231-40.
- . 1962. Adaptations shown in selection of food by Gambel quail. *Condor* 64:213-19.
- . 1964. Vitamin A and productivity in Gambel's quail. *Journal of Wildlife Management* 28:141-47.
- Huxley, J. S., and Bond, F. W. 1942. The display of Rheinart's pheasant (*Rheinardia ocellata*). *Proceedings of the Zoological Society of London* 111a:277-8.
- Irving, L. 1960. Birds of Anaktuvuk Pass, Kobuk, and Old Crow: a study in Arctic adaptation. *U.S. National Museum Bulletin* 217:1-409.
- Irving, L.; West, C. G.; Peyton, L. J.; and Paneak, S. 1967. Migration of willow ptarmigan in Arctic Alaska. *Arctic* 20:77-85.
- Jackson, A. S., and DeArment, R. 1963. The lesser prairie chicken in the Texas panhandle. *Journal of Wildlife Management* 27:733-37.
- Jaeger, E. C. 1957. *The North American deserts*. Stanford: Stanford Press.
- Janson, R. 1953. Prairie chickens in South Dakota. *Conservation Digest* 20(2):11, 15-16.
- Janson, V. 1969. *Bobwhite quail management in Michigan*. Michigan Department of Natural Resources.
- Jehl, J. R. 1969. Fossil grouse of the genus *Dendragapus*. *Transactions of the San Diego Society of Natural History* 15:165-74.
- Jenkins, D. 1961. Social behaviour in the partridge *Perdix perdix*. *Ibis* 103a:157-88.
- Jenkins, D.; Watson, A.; and Miller, G. R. 1963. Population studies on

- red grouse, *Lagopus lagopus scoticus* (Lath.), in north-east Scotland. *Journal of Animal Ecology* 32:317-76.
- Jensen, R. A. C. 1967. A comparative chromosome study of certain galliform and other birds. Ph.D. dissertation, University of California at Davis.
- Jewett, S. G.; Taylor, W. P.; Shaw, W. T.; and Aldrich, J. W. 1953. *Birds of Washington State*. Seattle: University of Washington Press.
- Johansen, H. 1956. Revision und Entstehung der arktischen Vögel fauna. *Acta Arctica* 8:1-98.
- Johnsgard, P. A. 1970. A summary of intergeneric New World quail hybrids, and a new intergeneric hybrid combination. *Condor* 72:85-88.
- . 1971. Experimental hybridization in the New World quail (Odonophorinae). *Auk* 88:264-75.
- Johnsgard, P. A., and Wood, R. W. 1968. Distributional changes and interactions between prairie chickens and sharp-tailed grouse in the midwest. *Wilson Bulletin* 80:173-88.
- Johnson, D. A. 1960. Chukars, 'the exotic partridge,' *Naturalist* 11(2):29-32.
- Johnson, M. D. 1964. *Feathers from the prairie: a short history of upland game birds*. North Dakota Game and Fish Department project report W-67-R-5.
- Johnson, R. E., and Lockner, J. R. 1968. Heart size and altitude in ptarmigan. *Condor* 70:185.
- Johnston, D. W. 1963. Heart weights of some Alaska birds. *Wilson Bulletin* 75:435-46.
- Johnston, R. F. 1964. The breeding birds of Kansas. *University of Kansas, Publications of the Museum of Natural History* 12:575-655.
- Jollie, M. 1955. A hybrid between the spruce grouse and the blue grouse. *Condor* 57:213-15.
- Jones, Robert. 1963. Identification and analysis of lesser and greater prairie chicken habitat. *Journal of Wildlife Management* 27:757-78.
- . 1964a. The specific distinctness of the greater and lesser prairie chickens. *Auk* 81:65-73.
- . 1964b. Habitat used by lesser prairie chickens for feeding related to seasonal behavior of plants in Beaver County, Oklahoma. *Southwestern Naturalist* 9:111-17.
- . 1966. Spring, summer, and fall foods of the Columbian sharp-tailed grouse in eastern Washington. *Condor* 68:536-40.
- Jones, Richard. 1969a. Epidermal hyperplasia in the incubation patch of the California quail, *Lophortyx californicus*, in relation to pituitary prolactin content. *General and Comparative Endocrinology* 12:498-502.
- . 1969b. Hormonal control of incubation patch development in the

- California quail, *Lophortyx californicus*. *General and Comparative Endocrinology* 13:1-14.
- Jonkel, C. J., and Greer, K. R. 1963. Fall food habits of spruce grouse in northwest Montana. *Journal of Wildlife Management* 27:593-96.
- Judd, S. 1905a. The bob-white and other quails of the United States in their economic relations. *U.S. Biological Survey Bulletin* 21:1-66.
- . 1905b. The grouse and wild turkeys of the United States, and their economic value. *U.S. Biological Survey Bulletin* 24:1-55.
- Juhn, M., and Harris, P. C. 1955. Local effects on the feather papilla of thyroxine and of progesterone. *Proceedings of the Society for Experimental Biology and Medicine* 90:202-4.
- . 1968. Molt of capon feathering with prolactin. *Proceedings of the Society for Experimental Biology and Medicine* 98:669-72.
- June, J. 1967. A comprehensive report on the Wyoming grouse family. *Wyoming Wildlife* 10(1):19-24.
- Kabat, C., and Thompson, D. R. 1963. *Wisconsin quail, 1834-1962: population dynamics and habitat management*. Wisconsin Conservation Department technical bulletin no. 30.
- Kealy, R. D. 1970. Storage and incubation of game bird eggs. *Modern Game Breeding* 6(4):19-21.
- Keith, L. B. 1963. *Wildlife's ten-year cycle*. Madison: University of Wisconsin Press.
- Keller, R. J.; Shepherd, H. R.; and Randall, R. H. 1941. *Survey of 1941: North Park, Jackson County, Moffat County, including comparative data of previous seasons*. Colorado Game and Fish Commission sage grouse survey 3.
- Kellogg, F. E.; Doster, G. L.; and Williamson, L. L. 1970. A bobwhite density greater than one bird per acre. *Journal of Wildlife Management* 34:464-66.
- Kelso, L. H. 1937. *Food of the scaled quail*. U.S. Department of Agriculture, Biological Survey wildlife leaflet 84.
- Kessel, B., and Schaller, G. B. 1960. Birds of the upper Sheenjek Valley, northeastern Alaska. *Biological Papers, University of Alaska*, 4:1-59.
- Kirkpatrick, C. M. 1955. Factors in photoperiodism of bobwhite quail. *Physiological Zoölogy* 28:255-64.
- Kirkpatrick, C. M., and Leopold, A. C. 1952. The role of darkness in sexual activity of the quail. *Science* 116:280-81.
- Klaas, E. E. 1968. Summer birds from the Yucatan Peninsula, Mexico. *University of Kansas, Publications of Museum of Natural History* 17: 581-611.
- Klebenow, D. A. 1969. Sage grouse nesting and brood habitat in Idaho.

- Journal of Wildlife Management* 33:649-62.
- Klebenow, D. A., and Gray, G. M. 1968. Food habits of juvenile sage grouse. *Journal of Range Management* 21:80-83.
- Klimstra, W. D. 1950a. Notes on bobwhite nesting behavior. *Iowa Bird Life* 20:2-7.
- . 1950b. Bobwhite quail nesting and production in southeastern Iowa. *Iowa State Journal of Science* 24:385-95.
- Klimstra, W. D., and Scott, T. G. 1957. Progress report on bobwhite nesting in southern Illinois. *Proceedings 10th Annual Conference, S.E. Association of Game and Fish Commissioners*, p. 351-55.
- Klimstra, W. D., and Ziccardi, V. C. 1963. Night-roosting habitat of bobwhites. *Journal of Wildlife Management* 27:202-14.
- Klonglan, E. D., and Hlavka, G. 1969. Iowa's first ruffed grouse hunting season in 45 years. *Proceedings Iowa Academy of Science* 76:226-30.
- Kobayashi, H. 1958. On the induction of molt in birds by 17  $\alpha$  oxyprogesterone-17 capronate. *Endocrinology* 63:420-30.
- Kobriger, G. D. 1965. Status, movements, habitats, and foods of prairie grouse on a sandhills refuge. *Journal of Wildlife Management* 29:788-800.
- Koivisto, I. 1965. Behavior of the black grouse, *Lyrurus tetrix* (L.), during the spring display. *Finnish Game Research* 26:1-60.
- Korschgen, L. J. 1948. Late fall and early-winter food habits of bobwhite quail in Missouri. *Journal of Wildlife Management* 12:46-57.
- . 1962. Food habits of greater prairie chickens in Missouri. *American Midland Naturalist* 68:307-18.
- . 1966. Foods and nutrition of ruffed grouse in Missouri. *Journal of Wildlife Management* 30:86-100.
- Kruijt, J. P. 1962. On the evolutionary derivation of wing display in Burmese red junglefowl and other gallinaceous birds. *Symposia of the Zoological Society of London* 8:25-35.
- Kruijt, J. P., and Hogan, H. A. 1967. Social behavior on the lek in the black grouse, *Lyrurus tetrix tetrix* (L.). *Ardea* 55:203-40.
- Kulenkamp, A. W.; Coleman, T. H.; and Ernst, R. A. 1967. Artificial insemination of bobwhite quail. *British Poultry Science* 8:177-82.
- Kulenkamp, A. W., and Coleman, T. H. 1968. Egg production in bobwhite quail. *Poultry Science* 47:1687-88.
- Lack, D. 1947. The significance of clutch-size in the partridge (*Perdix perdix*). *Journal of Animal Ecology* 16:19-23.
- . 1966. *Population studies of birds*. Oxford: Oxford University Press.
- . 1968. *Ecological adaptations for breeding in birds*. London: Methuen & Co.
- Lahnum, W. H. 1944. A study of the mountain quail with suggestions for

- management in Oregon. Ph.D. dissertation, Oregon State College.
- Lance, A. N. 1970. Movements of blue grouse on the summer range. *Condor* 72:437-44.
- Larimer, E. J. 1960. *Winter foods of the bobwhite in southern Illinois*. Illinois Natural History Survey biological notes no. 42.
- Larrison, E. J., and Sonnenberg, K. G. 1968. *Washington birds: their location and identification*. Seattle: Seattle Audubon Society.
- Lauckhart, J. B. 1957. Animal cycles and food. *Journal of Wildlife Management* 21:230-33.
- Leach, H. R., and Browning, B. M. 1958. A note on the food of sage grouse in the Madeline Plains area of California. *California Fish and Game* 44:73-76.
- Leach, H. R., and Hensley, A. L. 1954. The sage grouse in California, with special reference to food habits. *California Fish and Game* 40:385-94.
- Lee, L. 1950. Kill analysis for the lesser prairie chicken in New Mexico, 1949. *Journal of Wildlife Management* 14:475-77.
- Lee, R. O. 1966. Through Quintana Roo, 1965. *Explorer's Journal* 44:83-88.
- LeFebvre, E. A., and LeFebvre, J. H. 1958. Notes on the ecology of *Dactylortyx thoracicus*. *Wilson Bulletin* 70:372-77.
- Lehmann, V. W. 1941. *Attwater's prairie chicken: its life history and management*. U.S. Department of the Interior, Fish and Wildlife Service North American fauna no. 57.
- . 1946. Bobwhite quail reproduction in southwestern Texas. *Journal of Wildlife Management* 10:111-23.
- . 1968. The Attwater prairie chicken, current status and restoration opportunities. *Transactions 33rd North American Wildlife Conference*, p. 398-407.
- Lehmann, V. W., and Mauermann, R. G. 1963. Status of Attwater's prairie chicken. *Journal of Wildlife Management* 27:713-25.
- Lehmann, V. W., and Ward, H. 1941. Some plants valuable to quail in southwestern Texas. *Journal of Wildlife Management* 5:131-35.
- Lemburg, W. W. 1962. Rearing sharp-tailed grouse. *Game Bird Breeders, Pheasant Fanciers and Aviculturalists' Gazette* 13(9):10-11.
- Leopold, A. 1933. *Game management*. New York: Charles Scribner's Sons.
- . 1949. *A Sand County Almanac*. New York: Oxford University Press.
- Leopold, A. S. 1939. Age determination in quail. *Journal of Wildlife Management* 3:261-65.
- . 1953. Intestinal morphology of gallinaceous birds in relation to food habits. *Journal of Wildlife Management* 17:197-203.

- . 1959. *Wildlife of Mexico: The game birds and mammals*. Berkeley: University of California Press.
- Leopold, A. S., and McCabe, R. A. 1957. Natural history of the Montezuma quail in Mexico. *Condor* 59:3–26.
- Levy, S. H.; Levy, J. J.; and Bishop, R. A. 1966. Use of tape-recorded female quail calls during the breeding season. *Journal of Wildlife Management* 30:426–28.
- Lewin, V. 1963. Reproduction and development of young in a population of California quail. *Condor* 65:249–78.
- . 1965. The introduction and present status of California quail in the Okanagan Valley of British Columbia. *Condor* 67:61–66.
- Lewis, J. B.; McGowan, J. D.; and Baskett, T. S. 1968. Evaluating ruffed grouse reintroduction in Missouri. *Journal of Wildlife Management* 32:17–28.
- Ligon, J. S. 1952. The vanishing masked bobwhite. *Condor* 54:48–50.
- . 1961. *New Mexico birds and where to find them*. Albuquerque: University of New Mexico Press.
- Lint, K. C. 1965. Courtship and display—great argus pheasant. *Zoonoos* 38(8):5–7.
- Lofts, B., and Murton, R. K. 1968. Photoperiodic and physiological adaptations regulating avian breeding cycles and their ecological significance. *Journal of Zoology* 155:327–94.
- Longley, W. H. 1951. Bobwhite quail. *Conservation Volunteer* 14(1):27–31; 14(2):29–31.
- Loveless, C. M. 1958. *The mobility and composition of bobwhite quail populations in South Florida: with notes on the post-nuptial and post-juvenal molts*. Florida Game and Fresh Water Fish Commission technical bulletin no. 4.
- Lowery, G. H., Jr., and Newman, R. J. 1951. Notes on the ornithology of southeastern San Luis Potosi. *Wilson Bulletin* 63:315–22.
- Lowery, J., and Dalquest, W. W. 1951. Birds from the state of Veracruz, Mexico. *University of Kansas, Publications of the Museum of Natural History* 3:531–649.
- Lumsden, H. G. 1961a. Displays of the spruce grouse. *Canadian Field-Naturalist* 75:152–60.
- . 1961b. The display of the capercaillie. *British Birds* 54:257–72.
- . 1965. *Displays of the sharptail grouse*. Ontario Department of Lands and Forests technical series research report no. 66.
- . 1968. *The displays of the sage grouse*. Ontario Department of Lands and Forests research report (wildlife) no. 83.

- . 1969. A hybrid grouse, *Lagopus* × *Canachites*, from northern Ontario. *Canadian Field-Naturalist* 83:23–30.
- . 1970. The shoulder-spot display of grouse. *The Living Bird* 9:65–74.
- Lumsden, H. G., and Weeden, R. B. 1963. Notes on the harvest of spruce grouse. *Journal of Wildlife Management* 27:587–91.
- Lundell, C. L. 1937. *The vegetation of Petén*. Carnegie Institute publication no. 478.
- MacDonald, S. D. 1968. The courtship and territorial behavior of Franklin's race of the spruce grouse. *The Living Bird* 7:4–25.
- . 1970. The breeding behavior of the rock ptarmigan. *The Living Bird* 9:195–238.
- Mackie, R. J., and Buechner, H. K. 1963. The reproductive cycle of the chukar. *Journal of Wildlife Management* 27:246–60.
- Maher, W. J. 1959. Habitat distribution of birds breeding along the upper Laolak River, northern Alaska. *Condor* 61:351–68.
- Marsden, H. M., and Baskett, T. S. 1958. Annual mortality in a banded bobwhite population. *Journal of Wildlife Management* 22:414–19.
- Marshall, W. H. 1946. Cover preferences, seasonal movements, and food habits of Richardson's grouse and ruffed grouse in southern Idaho. *Wilson Bulletin* 58:42–52.
- . 1965. Ruffed grouse behavior. *Bio-Science* 15:92–94.
- Marshall, W. H., and Jensen, M. S. 1937. Winter and spring studies of the sharp-tailed grouse in Utah. *Journal of Wildlife Management* 1:87–99.
- Martin, A. C.; Zim, H. S.; and Nelson, A. L. 1951. *American wildlife and plants*. New York: McGraw Hill Book Co.
- Martin, N. S. 1970. Sagebrush control related to habitat and sage grouse occurrence. *Journal of Wildlife Management* 34:313–20.
- Martin, P. S. 1955. Zonal distribution of vertebrates in a Mexican cloud forest. *American Naturalist* 89:347–61.
- Masson, W. V., and Mace, R. U. 1962. *Upland game birds*. Oregon State Game Commission wildlife bulletin no. 5.
- May, T. A. 1970. Seasonal foods of white-tailed ptarmigan in Colorado. Master's thesis, Colorado State University.
- May, T. A., and Braun, C. E. 1969. Observations on winter foods of Colorado white-tailed ptarmigan. Abstract of paper presented at meeting of the Southwestern and Rocky Mountain Division, A.A.A.S., May 8, 1969, Colorado Springs, Colorado.
- . 1970. Seasonal trends in the selection of foods by Colorado white-tailed ptarmigan. Abstract of paper presented at meeting of the Central Mountain and Plains Section, The Wildlife Society, April 18, 1970, Pingree Park, Colorado.

- Mayr, E., and Amadon, D. 1951. A classification of recent birds. *American Museum Novitates* 1496:1-42.
- Mayr, E., and Short, L. L., Jr. 1970. *Species taxa of North American birds: a contribution to comparative systematics*. Nuttall Ornithological Club publication no. 9.
- McCabe, R. A. 1954. Hybridization between the bobwhite and scaled quail. *Auk* 71:293-97.
- McCabe, R. A., and Hawkins, A. S. 1946. The Hungarian partridge in Wisconsin. *American Midland Naturalist* 36:1-75.
- McColm, M. 1970. Ruffed grouse. *Nevada Outdoors* 4(3):27.
- McEwen, L. C.; Knapp, D. B.; and Hilliard, E. A. 1969. Propagation of prairie grouse in captivity. *Journal of Wildlife Management* 33:276-83.
- McLean, D. D. 1930. The quail of California. California Division of Fish and Game bulletin no. 2.
- McMillan, I. I. 1964. Annual population changes in California quail. *Journal of Wildlife Management* 28:702-11.
- McNabb, F. M. A. 1969. A comparative study of water balance in three species of quail. *Comparative Biochemistry and Physiology* 28:1045-74.
- Mercer, E., and McGrath, R. 1963. *A study of a high ptarmigan population on Brunette Island, Newfoundland, in 1962*. Newfoundland Wildlife Division, Department of Mines and Resources.
- Meyer de Schauensee, R. 1966. *The species of birds of South America and their distribution*. Philadelphia: Academy of Natural Science of Philadelphia.
- Miller, A. H., and Stebbins, R. C. 1964. *The lives of desert animals in Joshua Tree National Monument*. Berkeley: University of California Press.
- Miller, L. 1943. Notes on the Mearns quail. *Condor* 45:104-9.
- Miller, W. De Witt. 1905. List of birds collected in southern Sinaloa, Mexico, by J. H. Batty, during 1903-1904. *Bulletin of the American Museum of Natural History* 21:339-69.
- Moffitt, J. 1938. The downy young of *Dendragapus*. *Auk* 55:589-95.
- Mohler, L. L. 1944. Distribution of upland game birds in Nebraska. *Nebraska Bird Review* 12:1-6.
- . 1963. Winter surveys of Nebraska prairie chickens and management implications. *Journal of Wildlife Management* 27:737-38.
- Monroe, B. L. J. 1968. *A distributional survey of the birds of Honduras*. American Ornithologists Union ornithological monograph no. 7.
- Monson, G., and Phillips, A. R. 1964. The species of birds in Arizona. In *The vertebrates of Arizona*. Tucson: University of Arizona Press.
- Moreland, R. 1950. Success of chukar partridge in the state of Washington. *Transactions 15th North American Wildlife Conference*, pp. 399-409.



- Mosby, H. S., ed. 1963. *Wildlife investigational techniques*. 2d ed. Blacksburg, Virginia: The Wildlife Society.
- Moss, R. 1968. Food selection and nutrition in ptarmigan (*Lagopus mutus*). *Symposia of the Zoological Society of London* 21:207-16.
- . 1969. Rearing red grouse and ptarmigan in captivity. *Avicultural Magazine* 75:256-61.
- Murphy, D. A., and Baskett, T. S. 1952. Bobwhite mobility in central Missouri. *Journal of Wildlife Management* 16:498-510.
- Mussehl, T. W. 1960. Blue grouse production, movements, and populations in the Bridger Mountains, Montana. *Journal of Wildlife Management* 24:60-68.
- . 1963. Blue grouse brood cover selection and land-use implications. *Journal of Wildlife Management* 27:547-55.
- Mussehl, T. W., and Leik, T. H. 1963. Sexing wings of adult blue grouse. *Journal of Wildlife Management* 27:102-6.
- Mussehl, T. W., and Schladweiler, P. 1969. *Forest grouse and experimental spruce budworm insecticide studies*. Montana Fish and Game department technical bulletin no. 4.
- Myers, C. W. 1969. The ecological geography of cloud forest in Panama. *American Museum Novitates* 2396:1-52.
- Myers, J. A. 1917. Studies on the syrinx of *Gallus domesticus*. *Journal of Morphology* 29:165-214.
- National survey of fishing and hunting*. 1965. U.S. Bureau of Sport Fisheries and Wildlife Resource publication 27.
- Nelson, A. L., and Martin, A. C. 1953. Gamebird weights. *Journal of Wildlife Management* 17:36-42.
- Nelson, O. C. 1955. A field study of the sage grouse in southeastern Oregon with special reference to reproduction and survival. Master's thesis, Oregon State College.
- Ohmart, R. B. 1967. Comparative molt and pterylography in the quail genera *Callipepla* and *Lophortyx*. *Condor* 69:535-48.
- Ormiston, J. H. 1966. The food habits, habitat and movements of mountain quail in Idaho. Master's thesis, University of Idaho.
- Orr, R. T., and Webster, J. D. 1968. New subspecies of birds from Oaxaca (Aves: Phasianidae, Turdidae, Parulidae). *Proceedings of the Biological Society of Washington* 81:37-40.
- Our feathered friends*. n. d. Wyoming Game and Fish Commission.
- Palmer, R. S. 1949. Maine birds. *Harvard Museum of Comparative Zoology Bulletin* 102:1-656.
- Palmer, W. L. 1954. Unusual ruffed grouse density in Benzie County, Michigan. *Journal of Wildlife Management* 18:542-43.

- . 1963. Ruffed grouse drumming sites in northern Michigan. *Journal of Wildlife Management* 27:656–63.
- Parmelee, D. F.; Stephens, H. A.; and Schmidt, R. H. 1967. The birds of southeastern Victoria Island and adjacent small islands. *National Museum of Canada Bulletin* 222:1–229.
- Patterson, R. L. 1949. Sage grouse along the Oregon Trail. *Wyoming Wild Life* 13(8):1–16, 34–37.
- . 1952. *The sage grouse in Wyoming*. Denver: Sage Books.
- Paynter, R. J., Jr. 1955. The ornithogeography of the Yucatán Peninsula. Yale University, *Bulletin of the Peabody Museum* No. 9, pp. 1–347.
- , ed. 1957. Biological investigations in the Selva Lacandona, Chiapas, Mexico. *Harvard Museum of Comparative Zoology Bulletin* 116:193–298.
- Peck, M. E. 1911. A hybrid quail. *Condor* 3:149–51.
- Pendergast, B. A., and Boag, D. A. 1970. Seasonal changes in diet of spruce grouse in central Alberta. *Journal of Wildlife Management* 34:605–11.
- . 1971. Maintenance and breeding of spruce grouse in captivity. *Journal of Wildlife Management* 35:177–79.
- Peterle, T. J. 1951. Intergeneric galliform hybrids: a review. *Wilson Bulletin* 63:219–24.
- Peters, J. L. 1934. *Check-list of birds of the world*. Vol. 2. Cambridge: Harvard University Press.
- Peters, S. S. 1958. Food habits of the Newfoundland willow ptarmigan. *Journal of Wildlife Management* 22:384–94.
- Peterson, J. G. 1970. The food habits and summer distribution of juvenile sage grouse in central Montana. *Journal of Wildlife Management* 34:147–55.
- Peterson, R. T. 1960. *A field guide to the birds of Texas*. Boston: Houghton Mifflin.
- Petrides, G. A. 1942. Age determination in American gallinaceous game birds. *Transactions 7th North American Wildlife Conference*, p. 308–28.
- . 1949. Viewpoint on the analysis of open season sex and age ratios. *Transactions 14th North American Wildlife Conference*, p. 391–410.
- . 1951. Notes on age determination in juvenal European quail. *Journal of Wildlife Management* 15:116–17.
- Petrides, G. A., and Nestler, R. B. 1943. Age determination in juvenal bobwhite quail. *American Midland Naturalist* 30:774–82.
- Phillips, A. R. 1959. Las subespecies de la codornis de Gambel y el problema de los cambios climaticos en Sonora. *Anales del Instituto de Biología, Mexico Universidad Nacional* 29:361–74.
- . 1966. Further systematic notes on Mexican birds. *Bulletin of the British Ornithologists' Club* 86:86–94.

- Phillips, A. R.; Marshall, J.; and Monson, G. 1964. *Birds of Arizona*. Tucson: University of Arizona Press.
- Phillips, R. L. 1967. Fall and winter food habits of ruffed grouse in northern Utah. *Journal of Wildlife Management* 31:827-29.
- Pocock, R. I. 1911. The display of the peacock-pheasant *Polyplectron chinguis*. *Avicultural Magazine* 2:229-37.
- Porter, R. D. 1955. The Hungarian partridge in Utah. *Journal of Wildlife Management* 19:93-109.
- Price, J. B. 1938. An incubating male California quail. *Condor* 40:87.
- Principal game birds and mammals of Texas. 1945. Austin: Texas Game, Fish, and Oyster Commission.
- Prosski, A. E. 1970. Social behavior and adult vocalizations of some *Colinus* and *Lophortyx* hybrids. Master's thesis, University of Nebraska.
- Pynnönen, A. 1954. Beiträge zur Kenntnis der Lebensweise des Haselhuhns *Tetrastes bonasia* (L.). *Papers on Game Research* 12:1-90.
- Pyrah, D. B. 1954. A preliminary study toward sage grouse management in Clark and Fremont counties based on seasonal movement. Master's thesis, University of Idaho.
- . 1963. *Sage grouse investigations*. Idaho Fish and Game Department, Wildlife Restoration Division job completion report, project W 125-R-2.
- . 1964. Sage chickens in captivity. *Game Bird Breeders, Pheasant Fanciers and Aviculturalists' Gazette* 13(9):10-11.
- Quick, H. F. 1947. Winter food of white-tailed ptarmigan in Colorado. *Condor* 49:233-35.
- Raitt, R. J., Jr. 1960. Breeding behavior in a population of California quail. *Condor* 62:284-92.
- . 1961. Plumage development and molts of California quail. *Condor* 63:294-303.
- Raitt, R. J., and Genelly, R. E. 1964. Dynamics of a population of California quail. *Journal of Wildlife Management* 28:127-41.
- Raitt, R. J., and Ohmart, R. D. 1966. Annual cycle of reproduction and molt in Gambel quail of the Rio Grande Valley, southern New Mexico. *Condor* 68:541-61.
- . 1968. Sex and age ratios in Gambel quail of the Rio Grande Valley, southern New Mexico. *Southwestern Naturalist* 13:27-33.
- Rare and endangered fish and wildlife of the United States*. 1968. U.S. Bureau of Sport Fisheries and Wildlife Resource publication 34.
- Rasmussen, D. I., and Griner, L. A. 1938. Life history and management studies of the sage grouse in Utah, with special reference to nesting and feeding habits. *Transactions 3rd North American Wildlife Conference*, pp. 852-64.

- Rawley, E. V., and Bailey, W. J. 1964. *Utah upland game birds*. Utah State Department of Fish and Game publication 63-12.
- Resadny, C. D. 1965. Huns on the move. *Wisconsin Conservation Bulletin* 30(6):21-23.
- Richardson, F. 1941. Results of the southern California quail banding program. *California Fish and Game* 27:234-49.
- Ricklefs, R. E. 1969. An analysis of nesting mortality in birds. *Smithsonian Contributions to Zoology* no. 9.
- Ridgway, R., and Friedmann, H. 1946. *The birds of North and Middle America: part X (Galliformes)*. Washington: Smithsonian Institution.
- Ripley, T. H. 1957. *The bobwhite in Massachusetts*. Massachusetts Division of Fish and Game bulletin no. 15.
- Rippin, A. P. 1970. Social organization and recruitment on the arena of sharp-tailed grouse. Master's thesis, University of Alberta.
- Robel, R. J. 1965. Quantitative indices to activity and territoriality of booming *Tympanuchus cupido pinnatus* in Kansas. *Transactions Kansas Academy of Science* 67:702-12.
- . 1966. Booming territory size and mating success of the greater prairie chicken (*Tympanuchus cupido pinnatus*). *Animal Behaviour* 14:328-31.
- . 1967. Significance of booming grounds of greater prairie chickens. *Proceedings American Philosophical Society* 111:109-14.
- . 1970. Possible role of behaviour in regulating greater prairie chicken populations. *Journal of Wildlife Management* 34:306-12.
- Robel, R. J.; Briggs, J. N.; Cebula, J. J.; Silvey, N. J.; Viers, C. E.; and Watt, P. G. 1970. Greater prairie chicken ranges, movements, and habitat usage in Kansas. *Journal of Wildlife Management* 34:286-306.
- Roberts, H. S. 1963. Aspects of the life history and food habits of rock and willow ptarmigan. Master's thesis, University of Alaska.
- Roberts, T. S. 1932. *The birds of Minnesota*. Vol. 1. Minneapolis: University of Minnesota Press.
- Robeson, S. B. 1963. Some notes on the summer whistling of male bobwhite quail. *New York Fish and Game Journal* 10:228.
- Robinson, T. S. 1957. *The ecology of bobwhites in south-central Kansas*. University of Kansas Museum of Natural History and State Biological Survey miscellaneous publication no. 15.
- Robinson, W. L. 1969. Habitat selection by spruce grouse in northern Michigan. *Journal of Wildlife Management* 33:113-20.
- Robinson, W. L., and Maxwell, D. E. 1968. Ecological study of the spruce grouse on the Yellow Dog Plains. *Jack-Pine Warbler* 46:75-83.
- Rogers, G. B. 1964. *Sage grouse investigations in Colorado*. Colorado

- Game, Fish and Parks Department, Game Research Division technical publication no. 16.
- . 1968. *The blue grouse in Colorado*. Colorado Game, Fish and Parks Department, Game Research Division technical publication no. 21.
- . 1969. *The sharp-tailed grouse in Colorado*. Colorado Game, Fish and Parks Department, Game Research Division technical publication no. 23.
- Rogers, G. E., and Braun, C. E. 1967. Ptarmigan. *Colorado Outdoors* 16(4):22-28.
- . 1968. Ptarmigan management in Colorado. Mimeographed. Proceedings 48th Annual Conference of the Western Association of Game and Fish Commissioners, July 9, 1968, Reno, Nevada.
- Romanoff, A. L.; Bump, G.; and Holm, E. 1938. *Artificial incubation of some upland game bird eggs*. New York Conservation Department bulletin no. 2.
- Rosene, W. 1969. *The bobwhite quail: its life and management*. New Brunswick, N.J.: Rutgers University Press.
- Rowan, W. 1952. The Hungarian partridge (*Perdix perdix*) in Canada. *Transactions Royal Society of Canada, Section III* 46:161-62.
- Rowley, J. S. 1966. Breeding records of birds of the Sierra Madre del Sur, Oaxaca, Mexico. *Proceedings of the Western Foundation of Vertebrate Zoology* 1:107-204.
- Russell, P. 1932. The scaled quail of New Mexico. Master's thesis, University of New Mexico.
- Russell, S. M. 1964. *A distributional study of the birds of British Honduras*. American Ornithologists' Union ornithological monograph no. 1.
- Salomonsen, F. 1939. Moults and sequence of plumages in the rock ptarmigan (*Lagopus mutus* [Montin]). *Dansk Ornithologisk Forenings Tidsskrift* 103:1-491.
- Sandfort, W. W. 1954. Evaluation of chukar partridge range in Colorado. *Proceedings 34th Annual Conference of the Western Association of Game and Fish Commissioners*, p. 244-50.
- Sands, J. L. 1968. Status of the lesser prairie chicken. *Audubon Field Notes* 22:454-56.
- Saunders, G. B.; Halloway, A. D.; and Handley, C. O., Jr. 1950. *A fish and wildlife survey of Guatemala*. U.S. Fish and Wildlife Service special scientific report (wildlife) no. 5.
- Schaldach, W. J., Jr. 1963. The avifauna of Colima and adjacent Jalisco, Mexico. *Proceedings of the Western Foundation of Vertebrate Zoology* 1:1-100.
- Schemnitz, S. D. 1959. Past and present distribution of scaled quail (*Calli-*

- pepla squamata*) in Oklahoma. *Southwestern Naturalist* 43:148-52.
- . 1961. Ecology of the scaled quail in the Oklahoma panhandle. *Wildlife Monographs* 8:1-47.
- . 1964. Comparative ecology of bobwhite and scaled quail in the Oklahoma panhandle. *American Midland Naturalist* 71:429-33.
- Schenkel, R. 1956-1958. Zur Deutung der Balzleistungen einiger Phasianiden und Tetraoniden. *Ornithologische Beobachter* 53:182-201; 55:65-95.
- Schlatterer, E. F. 1960. Productivity and movements of a population of sage grouse in southeastern Idaho. Master's thesis, University of Idaho.
- Schlotthauer, P. H. 1967. All about quail and grouse. *Game Bird Breeders, Conservationists, and Aviculturists' Gazette* 16(3):9-11.
- Schmidt, R. K., Jr. 1969. Behavior of white-tailed ptarmigan in Colorado. Master's thesis, Colorado State University.
- Schneegas, E. R. 1967. Sage grouse and sagebrush control. *Transactions 32nd North American Wildlife Conference* 32:270-74.
- Schwartz, C. W. 1945. The ecology of the prairie chicken in Missouri. *University of Missouri Studies* 20:1-99.
- Scott, J. W. 1942. Mating behavior of the sage grouse. *Auk* 59:472-98.
- . 1950. A study of the phylogenetic or comparative behavior of three species of grouse. *Annals of the New York Academy of Science* 51:477-98.
- Scott, W. E. 1943. The Canada spruce grouse in Wisconsin. *Passenger Pigeon* 5:61-72.
- . 1947. The Canada spruce grouse (*Canachites canadensis canadensis*). *Wisconsin Conservation Bulletin* 12(3):27-30.
- Seth-Smith, D. 1914. Notes from the Zoological Gardens. *Wild Life* 4:54.
- . 1925. The argus pheasant and its display. *Avicultural Magazine*, Series 4, 3:175-79.
- . 1929a. American quails or colins. *Avicultural Magazine*, Series 4, 7:64-67.
- . 1929b. Grouse (Tetraonidae). *Avicultural Magazine*, Series 4, 7:96-98.
- Shaffner, C. S. 1955. Progesterone induced molt. *Poultry Science* 34:840-42.
- Sharp, W. M. 1963. The effects of habitat manipulation and forest succession on ruffed grouse. *Journal of Wildlife Management* 27:664-71.
- Sharpe, R. S. 1968. The evolutionary relationships and comparative behavior of prairie chickens. Ph.D. dissertation, University of Nebraska.
- Shields, P. W., and Duncan, D. A. 1966. Fall and winter food of California quail in dry years. *California Fish and Game* 52:275-82.
- Shoemaker, H. H. 1961. Rearing of young prairie chickens in captivity. *Illinois Wildlife* 16(4):1-4.
- . 1964. Report on studies of captive prairie chickens. *Illinois Wildlife* 19(3):6-8.

- Short, L. L., Jr. 1967. A review of the genera of grouse (Aves, Tetraoninae). *American Museum Novitates* 2289:1-39.
- Shrader, T. A. 1944. Ruffed and spruce grouse. *Conservation Volunteer* 7(40):36-40.
- Sibley, C. G. 1957. The evolutionary and taxonomic significance of sexual dimorphism and hybridization in birds. *Condor* 59:166-91.
- . 1960. The electrophoretic patterns of avian egg-white proteins as taxonomic characters. *Ibis* 102:215-84.
- Simpson, G. 1935. Breeding blue grouse in captivity. *Transactions American Game Conference* 21:218-19.
- Sisson, L. H. 1970. Distribution and selection of sharptailed grouse dancing grounds in the Nebraska sand hills. *Proceedings of the 8th Conference of the Prairie Grouse Technical Council*, 1969.
- Skutch, A. F. 1947. Life history of the marbled wood-quail. *Condor* 49: 217-32.
- Slud, P. 1964. The birds of Costa Rica: distribution and ecology. *Bulletin of the American Museum of Natural History* 128:1-430.
- Smith, N. D., and Buss, I. O. 1963. Age determination and plumage observations of blue grouse. *Journal of Wildlife Management* 27:566-78.
- Smith, R. H., 1961. Age classification of the chukar partridge. *Journal of Wildlife Management* 25:84-86.
- Smithe, F. B. 1966. *The birds of Tikal*. New York: Natural History Press.
- Snyder, L. L. 1935. *A study of the sharp-tailed grouse*. University of Toronto Studies, Biological Series no. 40.
- . 1957. *Arctic birds of Canada*. Toronto: University of Toronto Press.
- Southwood, T. R. E. 1967. The ecology of the partridge: II. the role of pre-hatching influences. *Journal of Animal Ecology* 36:557-62.
- Southwood, T. R. E., and Cross, D. J. 1969. The ecology of the partridge: III. breeding success and the abundance of insects in natural habitats. *Journal of Animal Ecology* 38:497-509.
- Sowls, L. K. 1960. Results of a banding study of Gambel's quail in southern Arizona. *Journal of Wildlife Management* 24:185-90.
- Stanford, J. A. 1953. Quail do have second broods. *Missouri Conservationist* 14(12):5-6, 12.
- Stanton, D. C. 1958. A study of breeding and reproduction in a sage grouse population in southeastern Idaho. Master's thesis, University of Idaho.
- Stempel, M. E., and Rogers, S., Jr. 1961. History of prairie chickens in Iowa. *Proceedings Iowa Academy of Science* 68:314-22.
- Stenlund, M. H., and Magnus, L. T. 1951. The spruce hen comes back. *Conservation Volunteer* 14(84):20-24.

- Steward, P. A. 1967. Hooting of Sitka blue grouse in relation to weather, season, and time of day. *Journal of Wildlife Management* 31:28-34.
- Stirling, I. 1968. Aggressive behavior and the dispersion of female blue grouse. *Canadian Journal of Zoology* 46:405-8.
- Stirling, I., and Bendell, J. F. 1966. Census of blue grouse with recorded calls of a female. *Journal of Wildlife Management* 30:184-87.
- . 1970. The reproductive behavior of blue grouse. *Syesis* 3:161-71.
- Stoddard, H. L. 1931. *The bobwhite quail: its habits, preservation, and increase*. New York: Charles Scribner's Sons.
- Stokes, A. W. 1961. Voice and social behavior of the chukar partridge. *Condor* 63:111-27.
- . 1963. Agonistic and sexual behavior in the chukar partridge, *Alectoris graeca*. *Animal Behaviour* 11:121-34.
- . 1967. Behavior of the bobwhite, *Colinus virginianus*. *Auk* 84:1-33.
- Stokes, A. W., and Williams, H. W. 1968. Antiphonal calling in quail. *Auk* 85:83-89.
- Stone, W. 1890. On birds collected in Yucatan and southern Mexico. *Proceedings Academy of Science of Philadelphia* 43:201-18.
- Stoneberg, R. P. 1967. A preliminary study of the breeding biology of the spruce grouse in northwestern Montana. Master's thesis, University of Montana.
- Stonehouse, B. 1966. Egg volume from linear dimensions. *Emu* 65:227-28.
- Storer, R. W. 1961. *Two collections of birds from Campeche, Mexico*. University of Michigan Museum of Zoology occasional paper no. 621.
- Stresemann, E. 1966. Die Mauser der Vögel, *Journal für Ornithologie*, Vol. 107 (special edition), pp. 1-448.
- Stupka, A. 1963. *Notes on the birds of the Great Smoky Mountains National Park*. Knoxville: University of Tennessee Press.
- Sturkie, P. D. 1965. *Avian physiology*. 2d. ed. Ithaca, N. Y.: Cornell University Press.
- Sumner, E. L. 1935. A life history study of the California quail, with recommendations for its conservation and management. *California Fish and Game* 21:167-253, 275-342.
- Sumner, L., and Dixon, J. S. 1953. *Birds and mammals of the Sierra Nevada*. Berkeley: University of California Press.
- Suskin, P. P. 1927. Notes on *Alectoris chukar*, with descriptions of six new subspecies. *Bulletin British Ornithologists' Club* 48(317):22-27.
- Sutherland, C. A., and McChesney, D. S. 1965. Sound production in two species of geese. *The Living Bird* 4:99-106.
- Sutton, G. M. 1967. *Oklahoma birds*. Norman: University of Oklahoma Press.



- . 1968. The natal plumage of the lesser prairie chicken. *Auk* 85:679.
- Sutton, G. M., and Parmelee, D. F. 1956. The rock ptarmigan in southern Baffin Island. *Wilson Bulletin* 68:52–62.
- Swank, W. G., and Gallizioli, S. 1954. The influence of hunting and of rainfall upon Gambel's quail populations. *Transactions 19th North American Wildlife Conference*, p. 283–95.
- Swarth, H. S. 1909. Distribution and molt of the Mearns quail. *Condor* 11:39–43.
- Symington, D. F., and Harper, T. A. 1957. *Sharp-tailed grouse in Saskatchewan*. Saskatchewan Department of Natural Resources conservation bulletin no. 4.
- Tait, H. D., coordinator. 1968. *Index to Federal aid Publications in sport fish and wildlife restoration and selected cooperative research project reports, to March 1968*. Washington: U.S. Department of Interior.
- Thomas, K. P. 1969. Sex determination of bobwhites by wing criteria. *Journal of Wildlife Management* 33:215–16.
- Thompson, D. R., and Kabat, C. 1950. The wing molt of the bobwhite. *Wilson Bulletin* 62:20–31.
- Thurman, J. R. 1966. Ruffed grouse ecology in southeastern Monroe County, Indiana. Master's thesis, Purdue University.
- Todd, W. E. C. 1920. A revision of the genus *Eupsychortyx*. *Auk* 37:189–220.
- . 1940. Eastern races of the ruffed grouse. *Auk* 57:390–97.
- . 1963. *Birds of the Labrador Peninsula and adjacent areas*. Toronto: University of Toronto Press.
- Tordoff, H. B. 1951. A quail from the Oligocene of Colorado. *Condor* 53:203.
- Trippensee, R. E. 1948. *Wildlife management: upland game and general principles*. New York: McGraw Hill Book Co.
- Trueblood, R. W. 1954. The effect of grass reseeding in sagebrush lands on sage grouse populations. Master's thesis, Utah State Agricultural College.
- Tsukamoto, G. 1970. Poor man's grand slam. *Nevada Outdoors* 4(3):18–20.
- Tuck, L. M. 1968. Recent Newfoundland bird records. *Auk* 85:304–11.
- Tufts, R. W. 1961. *The birds of Nova Scotia*. Halifax: Nova Scotia Museum.
- . *Upland game birds of Idaho*. 1951. Idaho Fish and Game Commission.
- van Rossem, A. J. 1925. Flight feathers as age indicators in *Dendragapus*. *Ibis*, Series 12, 1:417–22.
- . 1931. Report on a collection of birds from Sonora, Mexico. *Transactions San Diego Society of Natural History* 6:237–304.
- . 1945. *A distributional survey of the birds of Sonora, Mexico*. Louisiana State University Museum of Zoology occasional paper no. 21.
- van Tyne, J. 1935. *The birds of northern Petén, Guatemala*. University of

- Michigan Museum of Zoology miscellaneous publication no. 27.
- Verheyen, W. 1962. The Congo peacock *Afropavo congensis* Chapin 1936 at Antwerp Zoo. *International Zoo Yearbook* 4:87-91.
- Vorhies, C. T. 1929. Do southwestern quail require water? *Arizona Wildlife* 2:154-58.
- Wallmo, O. C. 1951. *Fort Huachuca wildlife area surveys, 1950-1951*. Tucson: Arizona Game and Fish Commission.
- . 1954. Nesting of Mearns quail in southeastern Arizona. *Condor* 56:125-28.
- . 1956a. Determination of sex and age of scaled quail. *Journal of Wildlife Management* 20:154-58.
- . 1956b. *Ecology of scaled quail in west Texas*. Austin: Texas Game and Fish Commission.
- . 1957. A study of blues. *Texas Game and Fish* 15(8):4-7.
- Warner, D. W. 1959. The song, nest, eggs, and young of the long-tailed partridge. *Wilson Bulletin* 71:307-12.
- Warner, D. W., and Harrell, B. E. 1957. The systematics and biology of the singing quail, *Dactylortyx thoracicus*. *Wilson Bulletin* 69:123-48.
- Warner, N. L., and Szenberg, A. 1964. The immunological function of the bursa of Fabricius in the chicken. *Annual Review of Microbiology* 18:253-68.
- Watson, A. 1965. A population study of ptarmigan (*Lagopus mutus*) in Scotland. *Journal of Animal Ecology* 34:135-72.
- Watson, A., and Jenkins, D. 1964. Notes on the behaviour of the red grouse. *British Birds* 57:137-70.
- Watson, A.; Parr, R.; and Lumsden, H. G. 1969. Differences in the downy young of red and willow grouse and ptarmigan. *British Birds* 62:150-53.
- Watson, G. E. 1962a. Three sibling species of *Alectoris* partridge. *Ibis* 104:353-67.
- . 1962b. Sympatry in Palearctic *Alectoris* partridges. *Evolution* 16: 11-19.
- . 1962c. Molt, age determination, and annual cycle in the Cuban bobwhite. *Wilson Bulletin* 74:28-42.
- . 1963. Incomplete first prebasic molt in the chukar partridge. *Auk* 80:80-81.
- Wayre, P. 1964. Display of the common koklass. *Annual Report of the Ornamental Pheasant Trust*, p. 13.
- Weaver, H. R., and Haskell, W. L. 1968. Age and sex determination of the chukar partridge. *Journal of Wildlife Management* 32:46-50.
- Weeden, R. B. 1959. Ptarmigan research project, final report. Mimeographed. *Arctic Institute of North America*.

- . 1961. Outer primaries as indicators of age among rock ptarmigan. *Journal of Wildlife Management* 25:337–39.
- . 1963. Management of ptarmigan in North America. *Journal of Wildlife Management* 27:673–83.
- . 1964. Spatial separation of sexes in rock and willow ptarmigan in Winter. *Auk* 81:534–41.
- . 1965a. Breeding density, reproductive success, and mortality of rock ptarmigan at Eagle Creek, Alaska, from 1960–1964. *Transactions 30th North American Wildlife Conference*, p. 336–48.
- . 1965b. Grouse and ptarmigan in Alaska: their ecology and management. Mimeographed. Alaska Department of Fish and Game.
- . 1967. Seasonal and geographic variation in the foods of adult white-tailed ptarmigan. *Condor* 69:303–9.
- Weeden, R. B., and Watson, A. 1967. Determining the age of rock ptarmigan in Alaska and Scotland. *Journal of Wildlife Management* 31:825–26.
- West, G. C., and Meng, M. S. 1966. Nutrition of willow ptarmigan in northern Alaska. *Auk* 83:603–15.
- Westerskov, K. 1956. Age determination and dating nesting events in the willow ptarmigan. *Journal of Wildlife Management* 20:274–79.
- . 1965. Winter ecology of the partridge (*Perdix perdix*) in the Canadian prairie. *Proceedings New Zealand Ecological Society* 12:23–30.
- . 1966. Winter food and feeding habits of the partridge (*Perdix perdix*) in the Canadian prairie. *Canadian Journal of Zoology* 44:303–22.
- Wetmore, A. 1941. Notes on birds of the Guatemala highlands. *Proceedings of the U.S. National Museum* 89:523–81.
- . 1960. A classification for the birds of the world. *Smithsonian Miscellaneous Collections* 139(11):1–37.
- . 1965. *The birds of the Republic of Panamá: pt. 1. Tinamidae (tinamous) to Rhynchopidae (skimmers)*. Smithsonian Miscellaneous Collections no. 150.
- White, C. L., and Foscue, E. J. 1939. Henequen: the green gold of Yucatán. *Journal of Geography* 38:151–55.
- Williams, G. R. 1967. The breeding biology of California quail in New Zealand. *New Zealand Ecological Society Proceedings* 14:88–99.
- Williams, H. W. 1969. Vocal behavior of adult California quail. *Auk* 84: 631–59.
- Williams, H. W., and Stokes, A. W. 1965. Factors affecting the incidence of rally calling in the chukar partridge. *Condor* 67:31–43.
- Wing, L. 1946. Drumming flight in the blue grouse and courtship characters in the Tetraonidae. *Condor* 48:154–57.

- Wing, L.; Beer, J.; and Tidyman, W. 1944. The brood habits and growth of "blue grouse." *Auk* 61:426-40.
- Wood-Gush, D. G. M. 1954. The courtship of the brown leghorn cock. *British Journal of Animal Behaviour* 2:95-102.
- . 1956. The agonistic and courtship behavior of the brown leghorn cock. *British Journal of Animal Behaviour* 4:133-42.
- Wright, V. L. 1966. Status of the gray partridge in Indiana. Master's thesis, Purdue University.
- Yeatter, R. E. 1935. *The Hungarian partridge in the Great Lakes Region*. University of Michigan School of Forestry and Conservation Bulletin no. 5.
- . 1943. The prairie chicken in Illinois. *Illinois Natural History Bulletin* 22:377-416.
- . 1963. Population responses of prairie chickens to land-use changes in Illinois. *Journal of Wildlife Management* 27:739-57.
- Yocom, C. F. 1943. The Hungarian partridge, *Perdix perdix* (L.), in the Palouse region, Washington. *Ecological Monographs* 13:167-201.
- Yocom, C. F., and Harris, S. W. 1952. Food habits of mountain quail (*Oreortyx picta*) in eastern Washington. *Journal of Wildlife Management* 17:204-7.
- Zimmerman, D. A., and Harry, G. B. 1951. Summer birds of Autlan, Jalisco. *Wilson Bulletin* 63:302-14.
- Zwickel, F. C. 1966. Early mortality and the numbers of blue grouse. Ph.D. dissertation, University of British Columbia.
- . 1967. Early behaviour in young blue grouse. *Murrelet* 48:2-7.
- Zwickel, F. C., and Bendell, J. F. 1967. Early mortality and the regulation of numbers in blue grouse. *Canadian Journal of Zoology* 45:817-51.
- Zwickel, F. C., Brigham, J. H., and Buss, I. O. 1966. Autumn weights of blue grouse in north-central Washington, 1954 to 1963. *Condor* 68:488-96.
- Zwickel, F. C., Buss, I. O., and Brigham, J. H. 1968. Autumn movements of blue grouse and their relevance to populations and management. *Journal of Wildlife Management* 32:456-68.
- Zwickel, F. C., and Lance, A. N. 1965. Renesting in blue grouse. *Journal of Wildlife Management* 29:202-4.
- . 1966. Determining the age of young blue grouse. *Journal of Wildlife Management* 30:712-17.
- Zwickel, F. C., and Martinsen, C. F. 1967. Determining the age and sex of Franklin spruce grouse by tails alone. *Journal of Wildlife Management* 31:760-63.